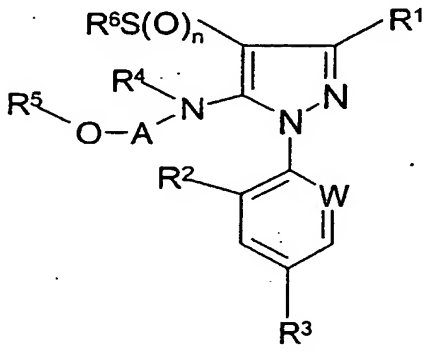
CLAIMS

1. A method of controlling parasites in or on an animal comprising administering to the animal a parasiticidally effective amount of a 5-substituted-alkylaminopyrazole derivative of formula (I):



(I)

wherein:

R^1 is CN;

W is C-halogen or C-CH_3;

R^2 is hydrogen, halogen or CH_3;

R^3 is (C_1-C_3)-haloalkyl, (C_1-C_3)-haloalkoxy or $S(O)_p$-(C_1-C_3)-haloalkyl;

R^4 is hydrogen, (C_2-C_6)-alkenyl, (C_2-C_6)-haloalkenyl, (C_2-C_6)-alkynyl, (C_2-C_6)-haloalkynyl, (C_3-C_7)-cycloalkyl, CO-$(CH_2)_q$-R^7, COR^8, CO-$(CH_2)_q$-R^9, -CO-(C_1-C_4)-alkyl-(C_1-C_6)-alkoxy, $-CO_2$-$(CH_2)_q$-R^7, $-CO_2R^8$, $-CO_2$-$(CH_2)_q$-R^9, $-CO_2$-(C_3-C_7)-cycloalkyl, $-CO_2$-(C_1-C_4)-alkyl-(C_3-C_7)-cycloalkyl, $-CO_2$-(C_3-C_6)-alkenyl, $-CO_2$-(C_3-C_6)-alkynyl, $CONR^{10}R^{11}$, $-CH_2R^7$, $-CH_2R^9$, OR^7, OR^8 or OR^9; or (C_1-C_6)-alkyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_6)-alkoxy, (C_1-C_6)-haloalkoxy, (C_3-C_7)-cycloalkyl, $S(O)_pR^8$, CO_2-(C_1-C_6)-alkyl, -O(C=O)-(C_1-C_6)-alkyl, $NR^{10}COR^{12}$, $NR^{10}R^{11}$, $CONR^{10}R^{11}$, $SO_2NR^{10}R^{11}$, OH, CN, NO_2, OR^7, $NR^{10}SO_2R^8$, COR^8 and OR^9;

A is (C_1-C_{12})-alkylene or (C_1-C_{12})-haloalkylene in which 2, 3 or 4 adjacent carbon atoms optionally form part of a (C_3-C_8)-cycloalkyl ring which is unsubstituted or substituted by one or more radicals selected from the group consisting of (C_1-C_6)-alkyl and halogen; or is (C_1-C_{12})-alkylene or (C_1-C_{12})-haloalkylene in which last two mentioned groups a methylene moiety is replaced by a group selected from

-C(=O)-, -C(=NH)-, -O-, -S- and -NR^{15}-, with the proviso that the replacing group is not bonded to the adjacent O or N atom; or is (C_2-C_{12})-alkenylene or (C_2-C_{12})-haloalkenylene;

R^5 is H, (C_3-C_6)-alkenyl, (C_3-C_6)-haloalkenyl, (C_3-C_6)-alkynyl, (C_3-C_6)-haloalkynyl, (C_3-C_7)-cycloalkyl, $-(CH_2)_qR^7$, $-(CH_2)_qR^9$ or $NR^{10}R^1$; or is (C_1-C_6)-alkyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_6)-alkoxy, (C_1-C_6)-haloalkoxy, (C_3-C_6)-alkenyloxy, (C_3-C_6)-haloalkenyloxy, (C_3-C_6)-alkynyloxy, (C_3-C_6)-haloalkynyloxy, (C_3-C_7)-cycloalkyl, $S(O)_pR^8$, CN, NO_2, OH, COR^{10}, $NR^{10}COR^{12}$, $NR^{10}SO_2R^8$, $CONR^{10}R^{11}$, $NR^{10}R^{11}$, $S(O)_pR^7$, $S(O)_pR^9$, OR^7, OR^9 and CO_2R^{10}; or when A is (C_1-C_{12})-alkylene or (C_1-C_{12})-haloalkylene and R^5 is (C_1-C_6)-alkyl unsubstituted or substituted by one or more halogen radicals, one or more of the carbon atoms of R^5 may, together with O and one or more of the carbon atoms of A, form a 5- or 6-membered ring;

R^6 is (C_1-C_6)-alkyl, (C_1-C_6)-haloalkyl, (C_2-C_6)-alkenyl, (C_2-C_6)-haloalkenyl, (C_2-C_6)-alkynyl or (C_2-C_6)-haloalkynyl;

R^7 is phenyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_6)-alkyl, (C_1-C_6)-haloalkyl, (C_1-C_6)-alkoxy, (C_1-C_6)-haloalkoxy, CN, NO_2, $S(O)_pR^8$, COR^{11}, COR^{13}, $CONR^{10}R^{11}$, $SO_2NR^{10}R^{11}$, $NR^{10}R^{11}$, OH, SO_3H and (C_1-C_6)-alkylideneimino;

R^8 is (C_1-C_6)-alkyl or (C_1-C_6)-haloalkyl;

R^9 is heterocyclyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_4)-alkyl, (C_1-C_4)-haloalkyl, (C_1-C_4)-alkoxy, (C_1-C_4)-haloalkoxy, NO_2, CN, CO_2(C_1-C_6)-alkyl, $S(O)_pR^8$, OH and oxo;

R^{10} and R^{12} are each independently H, (C_1-C_6)-alkyl, (C_1-C_6)-haloalkyl, (C_3-C_6)-alkenyl, (C_3-C_6)-haloalkenyl, (C_3-C_6)-alkynyl, (C_3-C_6)-haloalkynyl, (C_3-C_6)-cycloalkyl, -(C_1-C_6)-alkyl-(C_3-C_6)-cycloalkyl, $-(CH_2)_qR^{13}$ or $-(CH_2)_qR^9$; or

R^{10} and R^{11} and/or R^{10} and R^{12} each together with the respective attached N atom form a five- or six-membered saturated ring which optionally contains an additional hetero atom in the ring which is selected from O, S and N, the ring being unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_6)-alkyl and (C_1-C_6)-haloalkyl;

R^{11} and R^{14} are each independently H, (C_1-C_6)-alkyl, (C_1-C_6)-haloalkyl, (C_3-C_6)-cycloalkyl or $-(C_1-C_6)$-alkyl-(C_3-C_6)-cycloalkyl;

R^{13} is phenyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_6)-alkyl, (C_1-C_6)-haloalkyl, (C_1-C_6)-alkoxy, (C_1-C_6)-haloalkoxy, CN, NO_2, $S(O)_pR^8$ and $NR^{11}R^{14}$;

R^{15} is R^{11} or $-(CH_2)_qR^{13}$;

n and p are each independently zero, one or two;

q is zero or one; and

each heterocyclyl in the above-mentioned radicals is independently a heterocyclic radical having 3 to 7 ring atoms and 1, 2 or 3 hetero atoms in the ring selected from the group consisting of N, O and S;

or a pesticidally acceptable salt thereof.

2. The method as claimed in claim 1, wherein the symbols and indices in formula (I) have the following meanings:

R^1 is CN;

W is C-Cl;

R^2 is chlorine;

R^3 is CF_3 or OCF_3;

R^4 is hydrogen, CO_2-(C_1-C_3)-alkyl, or (C_1-C_6)-alkyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen and (C_1-C_3)-alkoxy;

A is (C_1-C_4)-alkylene;

R^5 is (C_3-C_6)-cycloalkyl, $-(CH_2)_qR^7$, (C_1-C_6)-alkyl or (C_1-C_6)-haloalkyl; or when R^5 is (C_1-C_6)-alkyl, one or more of the carbon atoms of the R^5 group may, together with O and one or more of the carbon atoms of A, form a 5- or 6-membered ring;

R^6 is CF_3, CF_2Cl, $CFCl_2$, $CBrF_2$ or CHF_2;

R^7 is phenyl;

n is zero, one or two; and

q is zero or one.

3. The method as claimed in claim 1, where the symbols and indices in formula (I) have the following meanings:

R^1 is CN;

W is C-halogen;

R^2 is hydrogen or halogen;

R^3 is CF_3 or OCF_3;

R^4 is hydrogen, $(C_2$-$C_6)$-alkenyl, $(C_2$-$C_6)$-haloalkenyl, $(C_2$-$C_6)$-alkynyl, $(C_2$-$C_6)$-haloalkynyl, $(C_3$-$C_6)$-cycloalkyl, $-CO_2$-$(C_1$-$C_6)$-alkyl or $-CH_2R^7$; or $(C_1$-$C_6)$-alkyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, $(C_1$-$C_6)$-alkoxy, $(C_1$-$C_6)$-haloalkoxy, $(C_3$-$C_6)$-cycloalkyl, $S(O)_pR^8$ and CO_2-$(C_1$-$C_6)$-alkyl;

A is $(C_1$-$C_6)$-alkylene or $(C_1$-$C_6)$-haloalkylene in which 2, 3 or 4 adjacent carbon atoms optionally form part of a $(C_3$-$C_6)$-cycloalkyl ring which is unsubstituted or substituted by one or more radicals selected from the group consisting of $(C_1$-$C_6)$-alkyl and halogen;

R^5 is $(C_3$-$C_6)$-cycloalkyl or $-(CH_2)_qR^7$; or is $(C_1$-$C_6)$-alkyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, $(C_1$-$C_6)$-alkoxy, $(C_1$-$C_6)$-haloalkoxy, $(C_3$-$C_6)$-cycloalkyl, $S(O)_pR^8$ and CO_2-$(C_1$-$C_6)$-alkyl; or when A is $(C_1$-$C_6)$-alkylene or $(C_1$-$C_6)$-haloalkylene and R^5 is $(C_1$-$C_6)$-alkyl unsubstituted or substituted by one or more halogen radicals, one or more of the carbon atoms of R^5 may, together with O and one or more of the carbon atoms of A, form a 5- or 6-membered ring;

R^6 and R^8 are each independently $(C_1$-$C_6)$-alkyl or $(C_1$-$C_6)$-haloalkyl;

R^7 is phenyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, $(C_1$-$C_6)$-alkyl, $(C_1$-$C_6)$-haloalkyl, $(C_1$-$C_6)$-alkoxy, CN, NO_2, $S(O)_pR^8$ and $NR^{10}R^{11}$;

R^{10} and R^{11} are each independently H, $(C_1$-$C_6)$-alkyl or $(C_1$-$C_6)$-haloalkyl;

n and p are each independently zero, one or two; and

q is zero or one.

4. 5-Substituted-alkylaminopyrazole derivatives of formula (I) as in claim 1, or pesticidally acceptable salts thereof, wherein:

R^1 is CN;

W is C-halogen or C-CH_3;

R^2 is hydrogen, halogen or CH_3;

R^3 is (C_1-C_3)-haloalkyl, (C_1-C_3)-haloalkoxy or $S(O)_p$-(C_1-C_3)-haloalkyl;

R^4 is (C_2-C_6)-alkenyl, (C_2-C_6)-haloalkenyl, (C_2-C_6)-alkynyl, (C_2-C_6)-haloalkynyl, (C_3-C_7)-cycloalkyl, CO-$(CH_2)_q$-R^7, CO-$(CH_2)_q$-R^9, -CO-(C_1-C_4)-alkyl-(C_1-C_6)-alkoxy, -CO_2-$(CH_2)_q$-R^7, -CO_2R^8, -CO_2-$(CH_2)_q$-R^9, -CO_2-(C_3-C_7)-cycloalkyl, -CO_2-(C_1-C_4)-alkyl-(C_3-C_7)-cycloalkyl, -CO_2-(C_3-C_6)-alkenyl, -CO_2-(C_3-C_6)-alkynyl, $CONR^{10}R^{11}$, -CH_2R^7, -CH_2R^9, OR^7, OR^8 or OR^9; or (C_1-C_6)-alkyl which is substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_6)-alkoxy, (C_1-C_6)-haloalkoxy, (C_3-C_7)-cycloalkyl, $S(O)_pR^8$, CO_2-(C_1-C_6)-alkyl, -O(C=O)-(C_1-C_6)-alkyl, $NR^{10}COR^{12}$, $NR^{10}R^{11}$, $CONR^{10}R^{11}$, $SO_2NR^{10}R^{11}$, OH, CN, NO_2, OR^7, $NR^{10}SO_2R^8$, COR^8 and OR^9;

A is (C_1-C_{12})-alkylene and (C_1-C_{12})-haloalkylene in which 2, 3 or 4 adjacent carbon atoms optionally form part of a (C_3-C_8)-cycloalkyl ring which is unsubstituted or substituted by one or more radicals selected from the group consisting of (C_1-C_6)-alkyl and halogen; or is (C_1-C_{12})-alkylene or (C_1-C_{12})-haloalkylene in which last two mentioned groups a methylene moiety is replaced by a group selected from -C(=O)-, -C(=NH)-, -O-, -S- and $-NR^{15}$-, with the proviso that the replacing group is not bonded to the adjacent O or N atom; or is (C_2-C_{12})-alkenylene or (C_2-C_{12})-haloalkenylene;

R^5 is H, (C_3-C_6)-alkenyl, (C_3-C_6)-haloalkenyl, (C_3-C_6)-alkynyl, (C_3-C_6)-haloalkynyl, (C_3-C_7)-cycloalkyl, $-(CH_2)_qR^7$, $-(CH_2)_qR^9$ or $NR^{10}R^{11}$; or is (C_1-C_6)-alkyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_6)-alkoxy, (C_1-C_6)-haloalkoxy, (C_3-C_6)-alkenyloxy, (C_3-C_6)-haloalkenyloxy, (C_3-C_6)-alkynyloxy, (C_3-C_6)-haloalkynyloxy, (C_3-C_7)-cycloalkyl, $S(O)_pR^8$, CN, NO_2, OH, COR^{10}, $NR^{10}COR^{12}$, $NR^{10}SO_2R^8$, $CONR^{10}R^{11}$, $NR^{10}R^{11}$, $S(O)_pR^7$, $S(O)_pR^9$, OR^7, OR^9 and CO_2R^{10}; or when A is (C_1-C_{12})-alkylene or (C_1-C_{12})-haloalkylene and R^5 is (C_1-C_6)-alkyl unsubstituted or substituted by one or more halogen radicals, one or more of the carbon atoms of R^5 may, together with O and one or more of the carbon atoms of A, form a 5- or 6-membered ring;

R^6 is (C_1-C_6)-alkyl, (C_1-C_6)-haloalkyl, (C_2-C_6)-alkenyl, (C_2-C_6)-haloalkenyl, (C_2-C_6)-alkynyl or (C_2-C_6)-haloalkynyl;

R^7 is phenyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_6)-alkyl, (C_1-C_6)-haloalkyl, (C_1-C_6)-alkoxy, (C_1-C_6)-haloalkoxy, CN, NO_2, $S(O)_pR^8$, COR^{11}, COR^{13}, $CONR^{10}R^{11}$, $SO_2NR^{10}R^{11}$, $NR^{10}R^{11}$, OH, SO_3H and (C_1-C_6)-alkylideneimino;

R^8 is (C_1-C_6)-alkyl or (C_1-C_6)-haloalkyl;

R^9 is heterocyclyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_4)-alkyl, (C_1-C_4)-haloalkyl, (C_1-C_4)-alkoxy, (C_1-C_4)-haloalkoxy, NO_2, CN, $CO_2(C_1-C_6)$-alkyl, $S(O)_pR^8$, OH and oxo;

R^{10} and R^{12} are each independently H, (C_1-C_6)-alkyl, (C_1-C_6)-haloalkyl, (C_3-C_6)-alkenyl, (C_3-C_6)-haloalkenyl, (C_3-C_6)-alkynyl, (C_3-C_6)-haloalkynyl, (C_3-C_6)-cycloalkyl, $-(C_1-C_6)$-alkyl-(C_3-C_6)-cycloalkyl, $-(CH_2)_qR^{13}$ or $-(CH_2)_qR^9$; or

R^{10} and R^{11} and/or R^{10} and R^{12} each together with the respective attached N atom form a five- or six-membered saturated ring which optionally contains an additional hetero atom in the ring which is selected from O, S and N, the ring being unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_6)-alkyl and (C_1-C_6)-haloalkyl;

R^{11} and R^{14} are each independently H, (C_1-C_6)-alkyl, (C_1-C_6)-haloalkyl, (C_3-C_6)-cycloalkyl or $-(C_1-C_6)$-alkyl-(C_3-C_6)-cycloalkyl;

R^{13} is phenyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_6)-alkyl, (C_1-C_6)-haloalkyl, (C_1-C_6)-alkoxy, (C_1-C_6)-haloalkoxy, CN, NO_2, $S(O)_pR^8$ and $NR^{11}R^{14}$;

R^{15} is R^{11} or $-(CH_2)_qR^{13}$;

n and p are each independently zero, one or two;

q is zero or one; and

each heterocyclyl in the above-mentioned radicals is independently a heterocyclic radical having 3 to 7 ring atoms and 1, 2 or 3 hetero atoms in the ring selected from the group consisting of N, O and S.

5. 5-Substituted-alkylaminopyrazole derivatives of formula (I) as in claim 1, or pesticidally acceptable salts thereof, wherein:

R^1 is CN;

W is C-halogen or C-CH_3;

R^2 is hydrogen, halogen or CH_3;

R^3 is (C_1-C_3)-haloalkyl, (C_1-C_3)-haloalkoxy or $S(O)_p$-(C_1-C_3)-haloalkyl;

R^4 is hydrogen, (C_1-C_6)-alkyl or COR^8;

A is (C_1-C_{12})-alkylene and (C_1-C_{12})-haloalkylene in which 2, 3 or 4 adjacent carbon atoms optionally form part of a (C_3-C_8)-cycloalkyl ring which is unsubstituted or substituted by one or more radicals selected from the group consisting of (C_1-C_6)-alkyl and halogen; or is (C_1-C_{12})-alkylene or (C_1-C_{12})-haloalkylene in which last two mentioned groups a methylene moiety is replaced by a group selected from -C(=O)-, -C(=NH)-, -O-, -S- and -NR^{15}-, with the proviso that the replacing group is not bonded to the adjacent O or N atom; or is (C_2-C_{12})-alkenylene or (C_2-C_{12})-haloalkenylene;

R^5 is H, (C_3-C_6)-alkenyl, (C_3-C_6)-haloalkenyl, (C_3-C_6)-alkynyl, (C_3-C_6)-haloalkynyl, (C_3-C_7)-cycloalkyl, $-(CH_2)_qR^7$, $-(CH_2)_qR^9$ or $NR^{10}R^{11}$; or is (C_1-C_6)-alkyl substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_6)-alkoxy, (C_1-C_6)-haloalkoxy, (C_3-C_6)-alkenyloxy, (C_3-C_6)-haloalkenyloxy, (C_3-C_6)-alkynyloxy, (C_3-C_6)-haloalkynyloxy, (C_3-C_7)-cycloalkyl, $S(O)_pR^8$, CN, NO_2, OH, COR^{10}, $NR^{10}COR^{12}$, $NR^{10}SO_2R^8$, $CONR^{10}R^{11}$, $NR^{10}R^{11}$, $S(O)_pR^7$, $S(O)_pR^9$, OR^7, OR^9 and CO_2R^{10}; or when A is (C_1-C_{12})-alkylene or (C_1-C_{12})-haloalkylene and R^5 is (C_1-C_6)-alkyl unsubstituted or substituted by one or more halogen radicals, one or more of the carbon atoms of R^5 may, together with O and one or more of the carbon atoms of A, form a 5- or 6-membered ring;

R^6 is (C_1-C_6)-haloalkyl;

R^7 is phenyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_6)-alkyl, (C_1-C_6)-haloalkyl, (C_1-C_6)-alkoxy, (C_1-C_6)-haloalkoxy, CN, NO_2, $S(O)_pR^8$, COR^{11}, COR^{13}, $CONR^{10}R^{11}$, $SO_2NR^{10}R^{11}$, $NR^{10}R^{11}$, OH, SO_3H and (C_1-C_6)-alkylideneimino;

R^8 is (C_1-C_6)-alkyl or (C_1-C_6)-haloalkyl;

R^9 is heterocyclyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_4)-alkyl, (C_1-C_4)-haloalkyl, (C_1-C_4)-alkoxy, (C_1-C_4)-haloalkoxy, NO_2, CN, CO_2(C_1-C_6)-alkyl, $S(O)_pR^8$, OH and oxo;

R^{10} and R^{12} are each independently H, (C_1-C_6)-alkyl, (C_1-C_6)-haloalkyl, (C_3-C_6)-alkenyl, (C_3-C_6)-haloalkenyl, (C_3-C_6)-alkynyl, (C_3-C_6)-haloalkynyl, (C_3-C_6)-cycloalkyl, $-(C_1-C_6)$-alkyl-(C_3-C_6)-cycloalkyl, $-(CH_2)_qR^{13}$ or $-(CH_2)_qR^9$; or
R^{10} and R^{11} and/or R^{10} and R^{12} each together with the respective attached N atom form a five- or six-membered saturated ring which optionally contains an additional hetero atom in the ring which is selected from O, S and N, the ring being unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_6)-alkyl and (C_1-C_6)-haloalkyl;
R^{11} and R^{14} are each independently H, (C_1-C_6)-alkyl, (C_1-C_6)-haloalkyl, (C_3-C_6)-cycloalkyl or $-(C_1-C_6)$-alkyl-(C_3-C_6)-cycloalkyl;
R^{13} is phenyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_6)-alkyl, (C_1-C_6)-haloalkyl, (C_1-C_6)-alkoxy, (C_1-C_6)-haloalkoxy, CN, NO_2, $S(O)_pR^8$ and $NR^{11}R^{14}$;
R^{15} is R^{11} or $-(CH_2)_qR^{13}$;
n and p are each independently zero, one or two;
q is zero or one; and
each heterocyclyl in the above-mentioned radicals is independently a heterocyclic radical having 3 to 7 ring atoms and 1, 2 or 3 hetero atoms in the ring selected from the group consisting of N, O and S.

6. 5-Substituted-alkylaminopyrazole derivatives of formula (I), or pesticidally acceptable salts thereof, wherein:
R^1 is CN; R^2 is chlorine; R^3 is CF_3 or OCF_3; W is C-Cl; R^4 is hydrogen or (C_1-C_6)-alkyl; R^5 is (C_1-C_6)-alkyl; R^6 is CF_3; A is (C_2-C_3)-alkylene and n is zero, one or two.

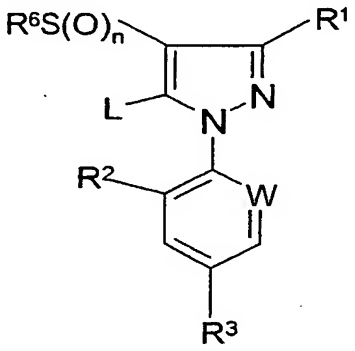
7. The use of compounds of formula (I) or pesticidally acceptable salts thereof according to one or more of claims 1 to 6 for the control of parasites in and on animals.

8. The use of compounds of formula (I) or pesticidally acceptable salts thereof according to one or more of claims 1 to 6 for preparing a veterinary medicament.

9. A pesticidal composition comprising a compound of formula (I) or a pesticidally acceptable salt thereof as defined in any one of claims 1 to 6, in association with a pesticidally acceptable diluent or carrier and/or surface active agent.

10. A process for the preparation of a compound of formula (I) or a salt thereof as defined in claim 1 to 6, which process comprises:

a) where R^1, R^2, R^3, R^6, W, A and n are as defined in claim 1, R^4 and R^5 are as defined in claim 1 with the exclusion of hydrogen, and R^4 is H, reacting a compound of formula (II):



(II)

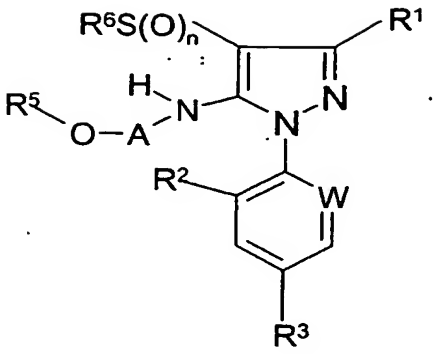
wherein R^1, R^2, R^3, R^6, W and n are as defined in claim 1, and L is a leaving group, with a compound of formula (III):

$$R^5—O—A—NH_2$$

(III)

wherein A is as defined in claim 1 and R^5 is as defined in claim 1 with the exclusion of hydrogen; or

b) where R^1, R^2, R^3, R^4, R^6, W, A and n are as defined in claim 1 and R^4 and R^5 are as defined in claim 1 with the exclusion of hydrogen, OR^7, OR^8 and OR^9, and R^5 is as defined in claim 8 with the exclusion of hydrogen, reacting a compound of formula (IV):



(IV)

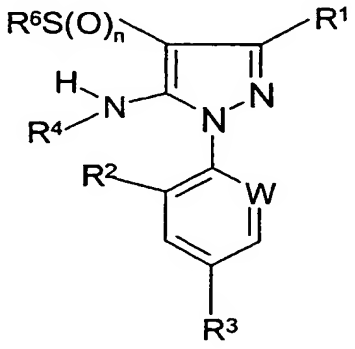
wherein R^1, R^2, R^3, R^6, W, A and n are as defined in claim 1 and R^5 is as defined in claim 1 with the exclusion of hydrogen, with a compound of formula (V):

R^4-L^1

(V)

wherein R^4 is as defined in claim 1 with the exclusion of hydrogen, OR^7, OR^8 and OR^9, and L^1 is a leaving group; or

c) where R^1, R^2, R^3, R^4, R^6, W, A and n are as defined in claim 1 and R^5 is as defined in claim 1 with the exclusion of hydrogen, reacting a compound of formula (VI):



(VI)

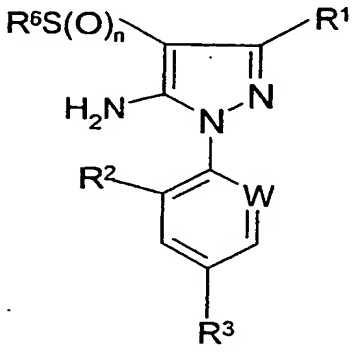
wherein R^1, R^2, R^3, R^4, R^6, W and n are as defined in claim 1, with a compound of formula (VII):

R^5-O-A-L^2

(VII)

wherein A is as defined in claim 1, R^5 is as defined in claim 1 with the exclusion of hydrogen and L^2 is a leaving group; or

d) where R^1, R^2, R^3, R^6, W and n are as defined in claim 1, R^5 is as defined in claim 1 with the exclusion of hydrogen, R^4 is hydrogen and A is $-CH_2-$, reacting a compound of formula (VIII):



(VIII)

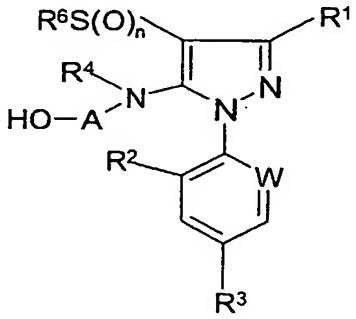
wherein R^1, R^2, R^3, R^6, W and n are as defined in claim 1, with a mixture of formaldehyde and a compound of formula (IX):

R^5-O-H

(IX)

wherein R^5 is as defined in claim 1 with the exclusion of hydrogen; or

e) where R^1, R^2, R^3, R^4, R^6, A, W and n are as defined in claim 1, and R^5 is as defined in claim 1 with the exclusion of hydrogen, reacting a compound of formula (X):



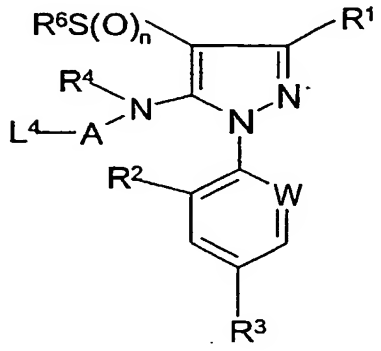
(X)

wherein R^1, R^2, R^3, R^4, A, W and n are as defined in claim 1, with a compound of formula (XI):

R^5-L^3 (XI)

wherein R^5 is as defined in claim 1 with the exclusion of hydrogen and L^3 is a leaving group; or

f) where R^1, R^2, R^3, R^4, R^5, R^6, A, W and n are as defined in claim 1, reacting a compound of formula (XII):



(XII)

wherein R^1, R^2, R^3, R^4, A, W and n are as defined in claim 1 and L^4 is a leaving group, with a compound of formula (IX) as defined above; and

g) if desired, converting a resulting compound of formula (I) into a pesticidally acceptable salt thereof.